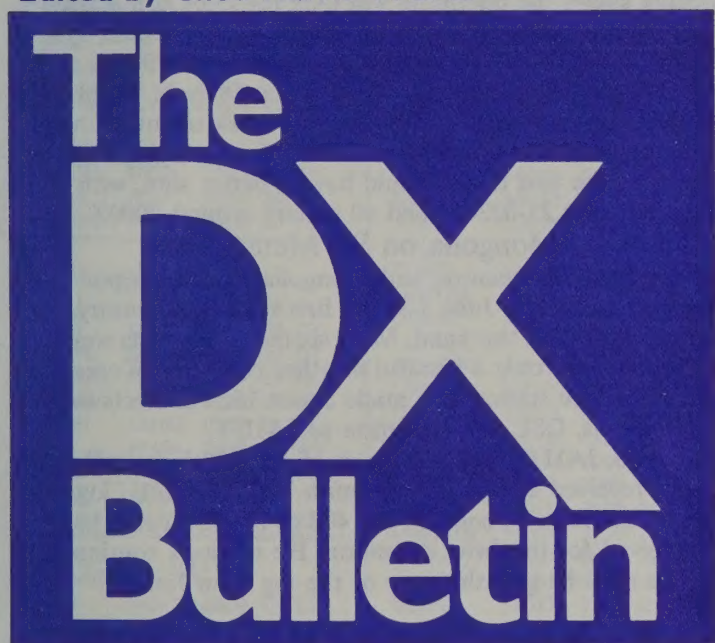


Maldives - 8Q Peter Jealgersma PA0CRA will operate from the Maldives July 9-19, 8Q7 callsign not yet known. Mostly SSB, with CW on request. Try 14185, 21285, and 28485 kHz, listening up 15-20 kHz as needed. He'll also be active on 12 and 17 meters. Direct QSL to home call with US\$1 preferred; bureau cards will be answered later. Amateurs not following Peter's directions will find themselves on a 'black list' or Peter will QRT. Your consideration is appreciated.

Iceland - TF Tom LA4LN and Hans LA1SP will operate /TF July 18-Aug. 1, 160-10 meters. Try 3685, 7085, 14185, 21285, and 28485 kHz on SSB, 10 kHz up on CW, 85 kHz up on RTTY, and 99 kHz up for packet. QSL home calls. Sunrise 0400Z; sunset 2300Z.

Faroe Islands - OY Tom and Hans will be /OY Aug.2-5.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Cayman Islands - ZF Bruce Butler W6OSP will be active as ZF2QM July 13-20 from Grand Cayman (NA-016). Mostly CW and new-band activity. QSL home call.

Oblast 007 - UC-O V.I. Shiyen RB5CCO will operate RC50/ July 15-30, on all bands. He says RC5 is a new prefix. QSL to him at Box 142, Smela 258410 USSR.

Oblasts Oleg Mir ES1RA will operate from several Oblasts to the end of July. Suffixes (Oblasts) are: UM1M (036), /UM2Q (033), /UI4O (050), /UI5F (047), /UM6A (032), /UM7P (177), and /UI8I (051). 032 and 177 are currently listed as deleted Oblasts; he has them marked as 'new.' QSL direct with US\$1 or IRCs to Oleg at Box 806, Tallinn 200017, Estonia, USSR.

Shortly Noted

- **Myanmar (Burma) XZ:** The DXCC desk has reviewed the licensing documentation of Romeo Stepanenko 3W3RR for his up-coming operation from Burma, and reports that "his license appears to be valid, and is acceptable for DXCC." Romeo, his wife Alyona UT5JDA, and Yuri Brajenko of Cuulong Co. are in the US now, visiting radio clubs, and handing out YA0RR QSL cards.
- **PA3ERL/CT3** will be active until July 15, on 10-40 meters, including the new bands. QSL home call.
- **SO3CC** will be active on CW from Poland in the IARU HF Championship, with K1CC at the key. Try 3515 at 0200Z, and 1830 at 0215Z. Rick will also operate as SO2CC, SO5CC, and SO9CC July 3-19. QSL home call.
- **FO814AA** will be another entry in the IARU contest July 13-14, by members of the Tahiti club FO8AA. FO5IW will operate as FO514IW in the test. QSL regular calls.
- **JU1DX** will be a multi-op entry in the IARU test, with N6TIB and W6REC joining the Mongolian club.
- The DXCC Backlog is almost through the March Honor Roll submissions. As of June 23rd, they were processing endorsements received March 26.
- **GB60NTS** will be active July 20-21 from the Pollock House, Pollock, Glasgow, Scotland, as part of the National Trust Service celebration.
- The **EI5CRC** Cork Ireland Club has requested a special callsign for July 17th, when 80 tall ships visit Cork.
- **NJ1W/DU9** is Bob Williams, Box 87, 9500 General Santos City, Philippines. He's usually on 14040 or 21040 kHz.
- **DA1WA** will operate from Frankenstein's castle again this year, Aug. 2-4. A special QSL is available from DJ0PU.
- The June-July issue of *Air and Space* magazine has an excellent article on the Space Environment Services Center, the solar data and propagation group.
- **Six meters:** As of June 14th, Yugoslavian amateurs may now operate 50000-51900 kHz with 20 watts ERP, on a secondary basis to television.
- **SSB Net check-ins: 14160 kHz:** 3A2LU TA4A SV1ZV 5Z4BP TZ6BBQ TA4EI YN9BS SV0HW/9 ZB2FK 8P6AH VQ9AP; 14222 VK9NS VK9LA; 14227: H44KA P29SC 7Q7RM 9M8FH BV5OC BV2FB T30DP; 14252: JY3ZH 9H3KE LZ1CN; 14256: OD5VT TA1AR TL8FD D44BS ST2YD S79KMS 5T5HH 9K2SH 3A/F9UW; 21335 ST0DX.
- **Islands On The Air: SV8QC** on Lesbos (EU-049) is often in the IOTA net on 14160 kHz weekends. QSL direct to SV8QC or to his former call: SV1QC. LA/F6ACV will be active from Tynesoy Island (EU-055) July 6-13. ES1RA/1 and ES1QD/1 will operate from Aegna Island (EU-???) in early August.
- **RTTY report: some spots:** 4U1UN 14088 kHz at 0050Z; A41KB 21073 ARQ 1130Z; 5Z4BI 14087 2125Z; 9X5LJ 14071 ARQ 2320Z; VP8BFH 21089 1715Z; CN8NS 14080 0050Z; KG4FD 14092 0420Z.

Propagation Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
July 1991	Date Flux A K	Date Flux A K
05 Low Normal	06/08 243 18/26 4	05/11 231 05/07 2
06 Disturbed	06/09 238 35/44 4	05/12 244 06/08 2
07 Disturbed	06/10 239 70/78 6	05/13 212 22/26 3
08 Disturbed	06/11 236 78/76 3	05/14 207 19/31 3
09 Disturbed	06/12 230 47/53 5	05/15 191 07/09 2
10 Disturbed	06/13 218 88/94 7	05/16 187 12/12 4
11 High Normal	06/14 201 11/13 2	05/17 171 23/36 2
12 High Normal	06/15 197 13/15 2	05/18 168 05/06 2
13 High Normal	06/16 185 04/08 2	05/19 164 04/07 3
14 Disturbed	06/17 177 37/45 5	05/20 148 04/06 0
15 Below Normal	06/18 173 19/28 3	05/21 148 08/09 3
16 Below Normal	06/19 175 21/28 4	05/22 147 18/17 3
17 High Normal	06/20 166 12/14 3	05/23 152 23/23 3
18 Low Normal	06/21 170 21/23 4	05/24 159 21/29 3

Propagation Watch

Sunspot Region 6659 rotated around to the visible side of the sun on June 30. This Region, now numbered 6703, was the source of the six X-10+ flares in early June. Fortunately for DXers, the Region has lost much of its magnetic complexity, and probably won't produce any X-class flares during the next ten days. Thus propagation should be better than we experienced last month.

However, don't look for good conditions, either. Region 6703 produced a swarm of M-class flares (medium strength) as early as June 29th, before it had even rotated into view. This extremely active portion of the sun may continue to erupt, causing occasionally short-wave blackouts (on the sunlit side of the sun) and disrupting the geomagnetic field.

The high-latitude paths will again be weak or unusable. There will be some north-south openings on the higher bands, but the seasonal decrease in maximum useable frequency (MUF) will limit openings on 10 and 12 meters to multiple-E-Skip and some transequatorial contacts. Under good conditions, 15 meters should provide some daytime DX, but 20 and 17 meters will be the DX bands of choice.

Check the early morning long path to the west on 20 meters; low-latitude stations are very workable. 20 and 17 meters will also be good places to seek DX in the early evening hours. The lower bands continue to be hampered by seasonal increases in atmospheric noise (QRN) and an active geomagnetic field.

Look for solar activity to decline through mid-July, and then peak again around the end of the month, at a flux of about 225. The difference between the active and less-active sides of the sun has decreased in the past two months, thanks in part to a coronal hole on the 'inactive' side. This has produced a high level of geomagnetic activity throughout the month. Look for the sun to resume its up-and-down activity pattern again soon.

Of course, if Sunspot Region 6703, or one of the other active Regions (6699 or 6693), produces another series of monster flares, all bets are off. If that happens, make the most of the enhanced propagation between the flare and the subsequent disruption of the geomagnetic field a day or two later; work the auroral openings on VHF; or put up new antennas. Good hunting!

DXPO 1991

Dave Thompson K4JRB, chairman of DXPO 1991, has provided some program information about the July 27-28 event in Atlanta, Georgia. Three hours of DX forums include W5EW and WC5N on their VK9EW/WB Cocos Keeling DXpedition, Tom Hogarty from the DXCC desk, John Fung-Loy PA3CXC on the 160-meter DX window, and Carl and Martha Henson WB4ZNH and WN4FVU on what to take on a DXpedition.

The evening banquet features Jack ET2A, with Harry Dannals W2HD as MC. DXCC endorsements may be checked at the Southeastern DX Club's booth at the Atlanta Hamfestival. Advance registration for the DXPO is \$25, plus another \$6 to cover the Hamfestival. Send funds to either the Atlanta Radio Club, Box 77171, Atlanta GA 30357, or to the Southeastern DX Club, 4166 Mill Stone Court, Norcross GA 30092.

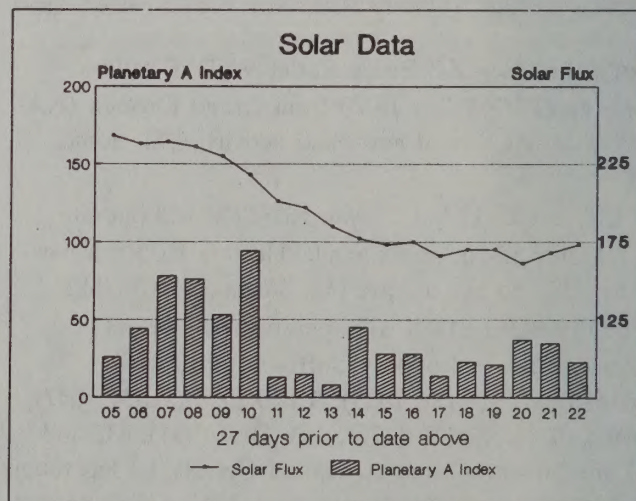
Afghanistan Propagation

DX News Sheet has provided a proposed operating schedule for the YA0AS DXpedition set for next week. The schedule shows the operators will look for USA contacts on 10M CW 00-0200Z, 17M SSB 02-0500Z and 16-1900Z, 17M CW 13-1500Z, 20M SSB 00-0200Z, 20M CW 02-0300Z, and 15M CW and SSB 13-1900Z. A Miniprop analysis, based on a projected solar flux of 175, suggests a weak opening on 20 meters between the west coast of the US and Afghanistan 13-1600Z. The east coast should have a better shot, with 20-meter openings 21-0230Z, and 40 meters around 0000Z.

Mongolia on Six Meters

A team of Japanese and Mongolian amateurs put JU1JA on six meters June 1-9, the first time that country has been active on the band. Most six-meter contacts were with Japan, with only a handful in other countries: Korea and Guam. The station also made about 1600 contacts on the HF bands. QSL this operation to JA1UT.

Also, JA1UT reports that as of June 30th, he still had not received a copy of Jim Smith VK9NS's S21U log. Thus he is unable to confirm the 400 or so QSL cards he has received for this brief operation. He requests continued patience until he gets the copy of the log from Jim.



B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

RTTY

4U1UN	21088	2223	29	FL
4U1UN	14089	2316	28	FL
CE4IXB	14091	2304	28	FL
EA6PZ	14088	2303	28	FL
FG4FI	14087	2337	23	FL
HC1JQ	14088	0155	19	OH
HI3AA	14090	2336	23	FL
HI8BG	14086	1215	22	OH
HP1XBH	14085	1204	29	FL
LZ2TU	21081	1830	22	OH
PJ2MN	14082	0215	25	OH
TG9VT	14089	1203	29	FL
UT5RP	14093	2348	28	FL
VP5JM	21086	2242	29	FL
VQ9RB	14088	1055	18	OH

80 Meters

CX4GL	3510	0339	25	WV
OA4AMM	3505	0322	25	WV
YV1FVU	3510	0350	25	WV

40 Meters

4K1ADQ	7002	0323	18	SC
ISØLKX	7017	0110	24	DE
UZ2FWZ	7008	0155	29	FL

30 Meters

HC5AI	10100	0158	29	FL
HC5AI	10104	1038	28	CT
KL7CYL	10108	1123	22	CT
OK1AWQ	10102	0334	24	KS
OK1DAV	10103	0239	24	KS
SP5GH	10102	0347	24	KS
T77C	10104	2323	23	WV
XE1MD	10102	0323	24	KS
ZL2AGY	10101	1039	25	WV
ZP6XDW	10103	0052	24	KS

20 Meter CW

3B8CF	14027	0305	18	SC
3B8CF *	14028	1206	21	MN
3B8DB	14016	1148	18	MA
3B8FG	14014	0324	26	OH
3B8GA	14007	1127	17	OH
3B9FR *	14027	1149	24	MN
3C1EA	14036	0550	10	IA
3D2/	14013	1240	22	MN
AA7AF				
3D2ER	14039	0654	4	IA
3DAØBK	14018	1345	29	CA
4K1A	14004	1221	29	CA
4K1ADQ	14010	1502	29	CA
4N7ZZ	14003	0156	20	IL
4S7EA	14011	0000	19	MI
4S7EA	14010	1202	14	MI
4S7EF	14029	2314	21	MN
4S7VJ *	14030	1217	21	MN
4S7WP	14022	1236	18	WI
4S7WP	14028	2315	25	FL
7Q7LA	14027	1348	29	CA
7X2FK	14032	0340	17	WA
8P9FS	14028	0347	22	NY
8P9FT	14027	0206	13	OH
9M2AX	14026	1456	29	CA
9U5BZP	14003	0450	26	OH
9V1JY	14028	1103	24	MN

9V1WW	14021	1435	21	CA
9V1XW	14028	1314	18	CO
9V1YC	14019	1440	21	CA
9V1YL	14029	1524	29	CA
9V1YR	14022	1242	23	CO
BV2BI	14022	1521	29	CA
BY1QH	14025	1441	19	CO
BY5RC	14013	1516	29	CA
CP5GK	14015	2306	25	FL
DU9COO	14021	1330	22	IL
EA6EJ	14009	2130	19	VA
EA8AB	14005	2300	18	VA
ES4JG	14012	0251	29	FL
FK8FG	14019	0737	20	WI
FO5DV	14040	0545	29	IA
FO5IW	14025	1050	25	VA
FT4WC	14029	1239	27	MN
FY4FA	14024	1100	18	VA
HSØAC	14027	1052	23	WV
HS1CDX	14018	1120	12	MA
JD1AMA	14020	1130	22	VA
OX3TW	14009	2312	24	MN
PZ1DY	14017	0322	26	OH
R1ØØRW	14028	1230	26	MN
RL7PAJ	14012	0034	26	FL
RM5P/	14020	0221	29	FL

UM8QDX				
SU1HV	14016	0037	26	FL
SVØCT/5	14010	0206	20	MI
TA9/	14008	0248	29	FL

FD1PKE				
TL8FD	14026	0150	22	CO
UA8TAA	21022	1216	29	FL
UD6N/	14014	2355	28	FL
UD6DCG				
UD85ØAI	14018	0031	29	FL
UF6CX	14011	0215	29	FL
UF6QAU	14010	2304	25	FL
UF7FWR	14018	2254	23	FL
UJ8JDV	14038	0058	26	FL
UL7LR	14007	2303	25	FL
UO5OO	14010	0105	26	FL
UZØFWA	14034	1110	28	CT
V44KAJ	14031	0337	22	NY
V44KL	14031	0357	22	CT
V85FC	14017	1309	29	CA
VK8SD	14007	1141	25	WV
VU2EAI	14013	1310	21	CA
VU2EO	14003	1202	14	MA
VU2LX	14028	0050	26	FL
VU2LZX	14007	1212	14	MA
VU2NI *	14008	1225	26	MN
VU2OXX	14013	1325	22	CA
XX9TDM *	14019	1132	16	FL
YBØARN	14028	1226	20	CO
Z21FN	14007	1316	29	CA
ZD8SE	14028	2316	25	FL
ZD8VJ	14026	2351	28	FL
ZK1BW	14035	0551	12	IA
ZP6XDW	14026	0030	18	OH

20 Meter SSB

3B8AD *	14220	1309	29	CA
3B8FU	14200	1237	19	FL
3DAØAJ *	14190	1420	20	CA
3DAØBX *	14173	1337	29	CA
7Q7MM	14197	2309	12	FL
9H3KE	14224	0039	21	FL
9L1US	14217	2318	17	NH
9Q5TE	14190	0500	18	CA
A35KB	14228	1125	10	MA

A35RM	14250	0525	19	CA
CEØDFL	14290	0534	18	WI
FK8FR	14191	1120	21	MA
FM5WN	14219	0414	24	IL
FT4YD	14177	1201	29	CA
GD4PTV	14185	2210	21	NH
H44AP	14204	1033	21	MA
HS1BV	14262	2125	21	VT
KC4USV	14217	1036	15	FL
P29DX	14222	1420	15	CA
P29RN	14202	1229	20	CO
T5RR	14190	2004	15	MA
UH8EA	14178	0146	12	FL
VK9NS	14222	0500	20	CA
VQ9KA *	14212	1256	28	MN
VQ9RS	14196	2226	22	NH
VR6ID	14308	0443	18	WI
VS6WV	14189	1225	22	OH
YB3QH	14200	1220	15	FL
YJ8AB	14228	1031	22	FL
Z22JE *	14187	1440	29	CA

17 Meter CW

3B8CF	18078	0341	19	SC
6W6JX	18081	1914	23	CT
9L1US	18069	2100	17	SC
EA6ZY	18069	2021	17	OH
HC5AI	18073	2243	28	FL
JY9SR	18076	0116	21	VA
JY9SR	18072	2245	28	FL
OA4AMM	18076	2059	18	SC
RL7PEO	18072	0055	27	CT
RO4OA	18075	1939	21	SC
TL8MB	18070	1937	21	SC
UB5MED	18077	1557	29	CA
UM8QA	18072	0135	27	CT
ZD8SE	18075	2246	16	SC
ZD8WD	18076	2025	17	OH
ZP6XDW	18073	0310	17	AZ
ZP6XDW	18081	2254	22	OH

17 Meter SSB

3D2MP	18124	0515	28	GA
9H1IP	18137	0125	27	CT
9H3KD	18134	0425	28	GA
9Q5TE	18139	0350	27	GA
JY5EC	18111	0450	28	GA
P29NJ	18150	1340	22	CT
SVØHV/9	18155	0038	27	CT
SV5FD	18133	0420	27	GA
UH8EA	18133	0210	28	GA
UL8PA	18137	0230	27	GA
V47RF	18129	0200	17	GA
ZP6XDW	18123	0001	26	CT

15 Meter CW

4U1UN	21006	2245	20	CA
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8R1J	21012	0038	23	WI
9N1RN	21021	2322	29	FL
9X5HG	21009	0130	22	CA
9X5HG	21046	2027	22	MN
BV2DA	21005	1616	29	CA
FO5DV	21024	0225	19	CA
FY5FA	21026	1415	22	IL
GJØNTD	21024	2233	28	FL
HKØPPY	21019	2117	19	CA
HSØAC	21020	1413	16	WA
ISØMVE	21006	1437	25	OH
KH6AQ	21030	0148	20	IL
LU9CV	21060	0149	20	IL
LZ1MS	21020	1459	29	CA
OA4AWE	21014	1416	25	OH
PZ1DY	21030	0330	22	IL
R1ØØRW	21010	2308	29	CA
RC7WWF	21022	1242	29	FL
TF3GCN	21004	1429	25	OH
TG9AQ	21049	2135	17	NY
VK9NS	21025	0251	17	NY
VP2EST	21010	1238	29	FL
VP2EY	21002	2341	29	FL
VU2BK	21027	1306	29	FL
XT2BW	21034	1634	22	MN
ZB2EO	21025	1726	14	MI
ZD8LII	21004	1659	29	FL
ZD8LII	21004	1940	25	OH
ZD8WD	21024	1926	18	FL
ZP6XDW	21025	1443	25	OH

15 Meter SSB

5Z4BI	21345	1839	15	NY
7Z1IS	21300	2145	22	CT
9K2SH	21290	2033	21	WI
9L3BM	21232	1054	17	FL
9U5BZP	21279	2303	18	WI
HZ1AB	21300	1326	20	NH
P29DX	21291	1438	29	CA
SV5AJJ	21315	2249	29	CA
Ti2/	21280	0139	20	IL

W6CKE				
UC2LDV	21305	1448	29	CA
VS6CT	21235	1539	29	CA
ZL1BGI	21350	0143	20	IL

12 Meters

VP2EST	24892	1506	29	CA
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10 Meter SSB

FJ5BL	28500	2205	16	MA
TU2TC	28423	1320	22	FL

6 Meters

CO2SA	51115	1515	8	SC
CT1BXT	50110	1948	19	ME

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(ISSN 0279-8077) is published 50 times per
year at P.O. Box 50, Fulton CA 95439 USA.
Telephone (707) 523-1001; Fax: (707) 523-1001.
Compu-Serve 75755,737. One-year subscription
rates are \$32 Second Class Mail, \$42 First
Class Mail (including Canada and Mexico) and
US\$55 Foreign Airmail. Second Class postage
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POSTMASTER: Send address changes to
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Issue 595 - July 5, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
Afghanistan	YA	YA0AS	July 12-29	I592
Andorra	C3	C30EJA	July-Aug.	I594
Aruba	P4	P40Z	July 10-23	I592
Ascension	ZD8	ZD8ACJ	Now-Nov.	I593
Bahama Islands	C6	C6AFQ	July 1-16	I592
Bangladesh	S2/	WZ6C	Now Active	I593
Cayman Islands	ZF	ZF2AH/JT	June 28-July 12	I591
		ZF2QJ/8	June 29-July 3	I591
		ZF2JI	July 13-14	I592
		ZF2QM	July 13-20	I595
Central African Rep.	TL8	FD	Now-August	I590
Corsica	TK/	F6JMY	July 15-Sept.	I594
El Salvador	YS/	K8LA	June 29-July 14	I593
Faroe Islands	OY/	LA4LN, LA1SP	Aug. 2-5	I595
Fiji	3D	3D2??	July 18-28	I594
Greece	SV8/	DF3IS	July 20-Aug. 1	I593
Iceland	TF/	LA4LN, LA1SP	July 18-Aug. 1	I595
Iraq	YI/	LA2NM	Now	I594
Jan Mayen	JX	JX3EX	Now-Nov.	I588
Jersey	GJ/	ON5FP	July 15-Aug. 1	I594
Kalawao County	KH6	AH6IO/IN	July 3-7	I593
Madeira	CT3/	PA3ERL	to July 15	I595
Maldives	8Q	8Q7??	July 9-19	I595
Mongolia	JT	JU1DX	July 13-14	I595
Nevis	V4	V47DX	July 16-23	I594
Oblasts	RC50/RB5CCO		July 15-30	I595
	UM,UIES1RA		July	I595
Rotuma	3D	3D2AG	July 1-21	I592
St. Paul Island	CY9	CY9CWI	Aug. 2-6	I594
Snake Island		4K5ZI	July 6-26	I593
South Cook Islands		ZK1??	Aug. 18-25	I594
Southern Sudan	ST0	ST0DX	Now-one year	I573
South Shetlands		4K1ADQ	Now	I583
Tonga	A3	A35??	July 30-Aug. 11	I594
Vatican	HV	HV0HH	July 14	I594

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
■ Ascension Island	ZD8SE	14029	2300Z
■ Ascension Island	ZD8LII	21004	17, 1945Z
■ Ascension Island	ZD8VJ	14025	2330Z
■ Central African Rep.	TL8FD	14026	02-0400Z
■ Chagos	VQ9KA	14212	13Z Fri.
■ Crozet Island	FT4WC	20M CW	12-1300Z
■ French Polynesia	FO5DV	20M CW	0600Z
■ Mauritius Island	3B8CF	14027	03, 1200Z
■ Mauritius Island	3B8GA	14010±	1130Z
■ Paraguay	ZP6XDW	30M CW	0100Z
■ Singapore	9V1YR	20M CW	1300Z
■ Sri Lanka	4S7EA	14010	1200Z
■ Sri Lanka	4S7WP	14025±	1200Z
■ Suriname	PZ1DY	14018	0320Z
■ Thailand	HS0AC	14025	1100Z

Operating Events and DX Gatherings

Dates	Event	Reference:
July 6-7	Venezuela SSB DX Test	<u>CQ</u>
July 11	Total Eclipse Stations	<u>I592</u>
July 13-14	IARU HF Championship	<u>QST</u>
July 27-28	DXPO 91—Atlanta	<u>GAI595</u>
July 26-28	Northwestern DX Conv.	<u>I592</u>
Sept. 7	W9DXCC Convention	<u>I593</u>

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA6YD, AB8K, DF3IS, DXNS, ES1RA, GM3MTH, JA1UT, Japan DX News, K0CVD, K0EUV, K0KLK, K1HDO, K1VWL, K2AJY, K3ZPG, K4GLU, K4II, K4JRB, K4JRB, K4JRB, K6YK, K7EFB, K8CH, K8OQL, KA1BSZ, KI6YB, KJ4VH, KJ6NZ, KK6AV, KM4KJ, KM9J, KQ3S, KT7H, N1RW, N2GLH, N4XLF, N6TIB, NW3Y, NW6P, OK-DXPress, PA0CRA, RB5CCO, SV8QC, W0JRN, W1AW, W1HH, W2ORA, W4VQ, W4ZYT, W6BSY, W6FAH, W6HIB, W6OSP, W6ROY, W6RQO, W6SUN, W6UQF, W6ZKM, W7AYY, W8CT, W9HAO, WA4NST, WB8YJF, WD9GGY, WG6P, YT2ZA, and WO6R. Many thanks! -ed.